

(2) Then determine
$$\widehat{U}(\lambda)$$
 on \widehat{p}_{pep}

$$|eep in \quad \widehat{p}_{eep}| = -100\times001 + -100\times011 + \cdots$$

If done with this try instead phase flip with bit-flip
$$\hat{\rho}_{i} \rightarrow (1-\alpha) \hat{\rho}_{i} + \propto \hat{\sigma}_{\times} \hat{\rho}_{i} \hat{\sigma}_{\times}$$
 evertually QFI